

AUDIO SEAL SYSTEM**ABSTRACT OF THE DISCLOSURE**

An acoustic seal system (100). The system (100) includes a flexible
5 sealing element (110) having a ridge (134) for engaging a cover (118) with a
sealing interference fit, a plate (112) in which the flexible sealing element
(110) is secured to the plate (112) and a mesh (114) for controlling particle
contamination. The mesh (114) is secured to the plate (112), and the plate
(112) and at least a portion of the flexible sealing element (110) are secured
10 to a portion of an inner housing (116). The portion of the flexible sealing
element (110) engages the portion of the inner housing (116) with a sealing
interference fit. When the cover (118) engages the inner housing (116), the
flexible sealing element (110) provides an acoustic seal between the cover
(118) and the inner housing (116).

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